

IN THE CLAIMS

1. (cancelled)

2. (currently amended) A data transmitting apparatus comprising:

an interface connectable to various external apparatuses;

reproducing means for reproducing data;

external-apparatus identifying means for determining a type of an external apparatus connected to said interface and for outputting data representing the type of the external apparatus; and

control means for controlling stopping of transmission of a first signal derived from the reproduced data to the external apparatus through the interface in accordance with a result of the determining of the type of the external apparatus by said external-apparatus identifying means, while—said control means controlling the stopping of transmission of the first signal concurrent with said reproducing means reproducinges the reproduced data and outputtings a second signal derived from the reproduced data,

wherein said external-apparatus identifying means determines whether the external apparatus is a storage apparatus that has a storage memory means for storing signals inputted through the interface, and said control means stops the transmission of the first signal to the external apparatus when said external-apparatus identifying means determines that the external apparatus is the storage apparatus having the storage memory means.

3. (currently amended) A data transmitting apparatus comprising:

an interface connectable to various external apparatuses;

reproducing means for reproducing data;

external-apparatus identifying means for determining a type of an external apparatus connected to said interface and for outputting data representing the type of the external apparatus; and

control means for controlling stopping of transmission of a first signal derived from the reproduced data to the external apparatus through the interface in accordance with a result of the determining of the type of the external apparatus by said external-apparatus identifying means, while—said control means controlling the stopping of transmission of the first signal concurrent with said reproducing means reproducinges the reproduced data and outputtinges a second signal derived from the reproduced data,

wherein said external-apparatus identifying means determines a version of the external apparatus, and said control means controls stopping of the transmission of the first signal to the external apparatus through said interface, in accordance with the determined version of the external apparatus.

4. (currently amended) A data transmitting apparatus comprising:

an interface connectable to various external apparatuses;

reproducing means for reproducing data;

external-apparatus identifying means for determining a type of an external apparatus connected to said interface and for outputting data representing the type of the external apparatus; and

control means for controlling stopping of transmission of a first signal derived from the reproduced data to the external apparatus through the interface in accordance with

a result of the determining of the type of the external apparatus by said external-apparatus identifying means, while—said control means controlling the stopping of transmission of the first signal concurrent with said reproducing means reproducinges the reproduced data and outputtings a second signal derived from the reproduced data,

wherein said external-apparatus identifying means determines whether the external apparatus is a copyright-related apparatus that can control reproduction of data based on copyright-related information of the data, and said control means controls the transmission of the first signal to the external apparatus through the interface in accordance with the result of the determination

5. - 6. (cancelled)

7. (currently amended) A data transmitting apparatus comprising:

an interface connectable to various external apparatuses;

reproducing means for reproducing data;

external-apparatus identifying means for determining a type of an external apparatus connected to said interface and for outputting data representing the type of the external apparatus; and

control means for controlling stopping of transmission of a first signal derived from the reproduced data to the external apparatus through the interface in accordance with a result of the determining of the type of the external apparatus by said external-apparatus identifying means, while—said control means controlling the stopping of transmission of the first signal concurrent with said reproducing means reproducinges the reproduced data and

outputting~~s~~ a second signal derived from the reproduced data,

wherein said control means controls the transmission of the first signal to the external apparatus through said interface in accordance with an amount of the first signal to be transmitted to the external apparatus.

8. (currently amended) A data transmitting apparatus comprising:

an interface connectable to various external apparatuses;

reproducing means for reproducing data;

external-apparatus identifying means for determining a type of an external apparatus connected to said interface and for outputting data representing the type of the external apparatus; and

control means for controlling stopping of transmission of a first signal derived from the reproduced data to the external apparatus through the interface in accordance with a result of the determining of the type of the external apparatus by said external-apparatus identifying means, while—said control means controlling the stopping of transmission of the first signal concurrent with said reproducing means reproducing~~s~~ the reproduced data and outputting~~s~~ a second signal derived from the reproduced data,

wherein said control means controls the transmission of the first signal to the external apparatus through said interface in accordance with a speed at which the first signal is to be transmitted to the external apparatus.

9. (currently amended) A data transmitting apparatus comprising:

an interface connectable to various external apparatuses;

reproducing means for reproducing data;

external-apparatus identifying means for determining a type of an external apparatus connected to said interface and for outputting data representing the type of the external apparatus; and

control means for controlling stopping of transmission of a first signal derived from the reproduced data to the external apparatus through the interface in accordance with a result of the determining of the type of the external apparatus by said external-apparatus identifying means,

wherein data-reproducing means is provided for reproducing the first signal from a recording medium, and said control means controls the transmission of ~~the~~ the first signal to the external apparatus through said interface in accordance with the type of the recording medium ~~while~~ concurrent with said reproducing means ~~reproducinges~~ the reproduced data and ~~outputtinges~~ a second signal derived from the reproduced data.

10. (cancelled)

11. (currently amended) A data transmitting apparatus comprising:

an interface connectable to various external apparatuses;

reproducing means for reproducing data;

external-apparatus identifying means for determining a type of an external apparatus connected to said interface and for outputting data representing the type of the external apparatus;

control means for controlling stopping of transmission of a first signal derived from the reproduced data to the external apparatus through the interface in accordance with a result of the determining of the type of the external apparatus by said external-apparatus identifying means,

~~while—~~said control means controlling the stopping of transmission of the first signal concurrent with said reproducing means reproducinges the reproduced data and outputtings a second signal derived from the reproduced data; and

fee-charging means for charging a fee in accordance with the transmission of the first signal through the interface, and said control means controls a fee-charging process performed by the fee-charging means in accordance with the result of determining made by the external-apparatus identifying means of the type of the external apparatus.

12. (cancelled)

13. (currently amended) A data transmitting method for use in a data transmitting apparatus having an interface that can be connected to various external apparatuses, said method comprising:

reproducing data from a record medium;

determining a type of an external apparatus connected to the interface and outputting data representing the type of the external apparatus; and

controlling stopping of transmission of a first signal derived from the reproduced data to the external apparatus through the interface in accordance with a result of the determining of the type of the external apparatus, while said controlling of the stopping of transmission of the first signal being concurrent with said reproducing means reproducinges the reproduced data and outputtings a second signal derived from the reproduced data,

wherein it is determined, in said step of determining the type of the external apparatus, whether the external apparatus is a data storage apparatus that has memory means for storing data input through the interface, and the

transmission of the first signal to the external-apparatus is stopped in said step of controlling stopping of transmission of the first signal when said step of determining determines that the external apparatus is the data storage apparatus.

14. (currently amended) A data transmitting method for use in a data transmitting apparatus having an interface that can be connected to various external apparatuses, said method comprising:

reproducing data from a record medium;

determining a type of an external apparatus connected to the interface and outputting data representing the type of the external apparatus; and

controlling stopping of transmission of a first signal derived from the reproduced data to the external apparatus through the interface in accordance with a result of the determining of the type of the external apparatus, while said controlling of the stopping of transmission of the first signal being concurrent with said reproducing means ~~reproducinges~~ the reproduced data and ~~outputtings~~ a second signal derived from the reproduced data,

wherein a version of the external apparatus is determined in said step of determining and the transmission of the first signal to the external apparatus is stopped in determining step of controlling stopping of transmission of the first signal when determining step of determining determines that the external apparatus is a data storage apparatus.

15. (currently amended) A data transmitting method for use in a data transmitting apparatus having an interface that can be connected to various external apparatuses, said method comprising:

reproducing data from a record medium;

determining a type of an external apparatus connected to the interface and outputting data representing the type of the external apparatus; and

controlling stopping of transmission of a first signal derived from the reproduced data to the external apparatus through the interface in accordance with a result of the determining of the type of the external apparatus, while said controlling of the stopping of transmission of the first signal being concurrent with said reproducing means ~~reproducinges~~ the reproduced data and ~~outputtings~~ a second signal derived from the reproduced data,

wherein it is determined, in the step of determining the type of the external apparatus, whether the external apparatus is a copyright-related one, and the transmission of the first signal to the external apparatus through the interface is stopped in said step of controlling stopping of transmission of the first signal in accordance with the result of determination.

16. - 17. (cancelled)

18. (currently amended) A data transmitting method for use in a data transmitting apparatus having an interface that can be connected to various external apparatuses, said method comprising:

reproducing data from a record medium;

determining a type of an external apparatus connected to the interface and outputting data representing the type of the external apparatus; and

controlling stopping of transmission of a first signal derived from the reproduced data to the external apparatus through the interface in accordance with a result of the determining of the type of the external apparatus, while said controlling of the stopping of transmission of the

first signal being concurrent with said reproducing means
~~reproducinges~~ the reproduced data and ~~outputtings~~ a second
signal derived from the reproduced data,

wherein the transmission of the first signal to the
external apparatus through the interface is stopped in said
step of controlling stopping of the transmission of the
first signal in accordance with an amount in which the
first signal is to be transmitted to the external
apparatus.

19. (currently amended) A data transmitting method for use
in a data transmitting apparatus having an interface that can be
connected to various external apparatuses, said method
comprising:

reproducing data from a record medium;

determining a type of an external apparatus connected
to the interface and outputting data representing the type
of the external apparatus; and

controlling stopping of transmission of a first signal
derived from the reproduced data to the external apparatus
through the interface in accordance with a result of the
determining of the type of the external apparatus, while
said controlling of the stopping of transmission of the
first signal being concurrent with said reproducing means
~~reproducinges~~ the reproduced data and ~~outputtings~~ a second
signal derived from the reproduced data,

wherein the transmission of the first signal to the
external apparatus through the interface is stopped in said
step of controlling stopping of the transmission of the
first signal in accordance with a speed at which the first
signal is to be transmitted to the external apparatus.

20. (currently amended) A data transmission method for use
in a data transmitting apparatus having an interface that can be
connected to various external apparatuses, said method

comprising:

determining a type of an external apparatus connected to the interface and outputting data representing the type of the external apparatus; and

controlling stopping of transmission of a first signal derived from the reproduced data to the external apparatus through the interface in accordance with a result of the determining of the type of the external apparatus,

wherein a step of reproducing data is provided for reproducing the first signal from a recording medium, and the transmission of the first signal to the external apparatus through the interface is stopped in said step of controlling stopping the transmission of the first signal in accordance with the recording medium ~~while concurrent~~ with said reproducing means reproducinges the reproduced data and ~~outputtinges~~ a second signal derived from the reproduced data.

21. - 22. (cancelled)

23. (currently amended) A data apparatus comprising:

a plurality of interfaces of different types; and

control means for controlling stopping of transmission of a first signal derived from reproduced data through said plurality of interfaces in accordance with the types of interfaces, ~~while said control means controlling the~~ stopping of transmission of the first signal concurrent with the reproduced data is-being reproduced and while concurrent with a second signal derived from the reproduced data is-being outputted.

24. (previously presented) The data transmitting apparatus according to claim 23, wherein the control means controls the transmission of the first signal through said plurality of interfaces, in accordance with copy-permitting information that controls copying of the output data.

25. (previously presented) The data transmitting apparatus according to claim 24, further comprising: data-reproducing means for reproducing the reproduced data from a recording medium, and the copy-permitting information is recorded on the recording medium together with the copy-permitting information.

26. (previously presented) The data transmitting apparatus according to claim 23, wherein said control means controls stopping the transmission of the first signal through the plurality of interfaces, in accordance with an amount in which the first signal is to be transmitted.

27. (previously presented) The data transmitting apparatus according to claim 23, wherein said control means controls stopping the transmission of the first signal through the plurality of interfaces, in accordance with a speed at which the first signal is to be transmitted.

28. (previously presented) The data transmitting apparatus according to claim 23, further comprising data-reproducing means for reproducing the reproduced data from the recording medium, wherein said control means controls stopping the transmission of the first signal through the plurality of interfaces, in accordance with the recording medium.

29. (previously presented) The data transmitting apparatus according to claim 23, wherein said control means selectively encrypts the first signal before the first signal is transmitted.

30. (previously presented) The data transmitting apparatus according to claim 23, further comprising: fee-charging means for charging a fee in accordance with the transmission of the first signal through the plurality of interfaces, and said control means controls a fee-charging process performed by the fee-charging means, in accordance with

the respective types of the plurality of interfaces.

31. (currently amended) A data transmitting method for use in a data transmitting apparatus having a plurality of interfaces of different types, said method comprising:

controlling stopping of transmission of a first signal derived from reproduced data through the plurality of interfaces in accordance with the types of the interfaces, while said controlling of the stopping of transmission of the first signal being concurrent with the reproduced data is being reproduced and while concurrent with a second signal derived from the reproduced data is being outputted.

32. (previously presented) The data transmitting method according to claim 31, wherein the transmission of the first signal through the plurality of interfaces is controlled in the step of controlling stopping of transmission of the first signal in accordance with copy-permitting information that controls copying of the output data.

33. (previously presented) The data transmitting method according to claim 32, further comprising: a data reproducing step for reproducing the reproduced data from a recording medium, and the copy-permitting information is recorded on the recording medium together with the copy-permitting information.

34. (previously presented) The data transmitting method according to claim 31, wherein the transmission of the first signal to the external apparatus through the plurality of interfaces is controlled in said step of controlling stopping of the transmission of the first signal in accordance with an amount in which the first signal is to be transmitted to the external apparatus.

35. (previously presented) The data transmitting method according to claim 31, wherein the transmission of the first signal through the plurality of interfaces is controlled in said step of controlling stopping of the transmission of the first

signal in accordance with a speed at which the first signal is to be transmitted to the external apparatus.

36. (previously presented) The data transmitting method according to claim 31, further comprising a step of reproducing data for reproducing the reproduced data from a recording medium, and the transmission of the first signal through the plurality of interfaces in said step of controlling stopping of the transmission of the first signal in accordance with the recording medium.

37. (previously presented) The data transmitting method according to claim 31, wherein the first signal is selectively encrypted, in said step of controlling stopping of the transmission of output data, before the first signal is transmitted.

38. (previously presented) The data transmitting method according to claim 31, further comprising: a fee-charging step for charging a fee in accordance with the transmission of the first signal through the plurality of interfaces, and a fee-charging process performed by the fee-charging means is controlled in said step of controlling stopping of the transmission of the first signal in accordance with the types of interfaces.

39. (currently amended) A data transmitting apparatus for transmitting data reproduced from a recording medium, comprising:

an interface for transmitting a first signal derived from the reproduced data; and

fee-charging control means for performing a fee-charging process in accordance with the transmission of the first signal through said interface and for controlling the transmission of the first signal,

wherein said fee-charging control means performs a fee-charging process by updating, in accordance with the

fee to be charged, fee data recorded on the recording medium that corresponds to a sum of fees that can be charged for the recording medium, and stops the transmission of the first signal through the interface when the fee data reaches or exceeds a predetermined value ~~during a time when concurrent with~~ the reproduced data ~~is~~ being reproduced and a second signal derived from the reproduced data ~~is~~ being outputted.

40. (currently amended) A data transmitting apparatus for transmitting data reproduced from a recording medium, comprising:

an interface for transmitting a first signal derived from the reproduced data; and

fee-charging control means for performing a fee-charging process in accordance with the transmission of the first signal through said interface and for controlling the transmission of the first signal,

wherein said fee-charging control means performs the fee-charging process by sequentially recording fee data, in accordance with the fee to be charged, in a region provided in the recording medium and corresponding to a sum of fees that can be charged for the recording medium, and stops the transmission of the first signal through said interface when the region corresponding to the sum of fees decreases in size to a predetermined size or becomes smaller than the predetermined size ~~during a time when concurrent with~~ the reproduced data ~~is~~ being reproduced and a second signal derived from the reproduced data ~~is~~ being outputted.

41. (currently amended) A data transmitting method for use in a data transmitting apparatus for transmitting, through an interface, a first signal derived from data reproduced from a recording medium, said method comprising:

a fee-charging control step of performing a

fee-charging process in accordance with the transmission of the first signal through the interface and controlling the transmission of the first signal,

wherein said fee-charging control step performs the fee-charging process by updating, in accordance with the fee to be charged, fee data recorded on the recording medium that corresponds to a sum of fees that can be charged for the recording medium, and stops the transmission of the first signal through the interface when the fee data reaches or exceeds a predetermined value ~~during a time when concurrent with~~ the reproduced data is being reproduced and a second signal derived from the reproduced data ~~is being~~ outputted.

42. (currently amended) A data transmitting method for use in a data transmitting apparatus for transmitting, through an interface a first signal derived from data reproduced from a recording medium, said method comprising:

a fee-charging control step of performing a fee-charging process in accordance with the transmission of the first signal through the interface and controlling the transmission of the first signal,

wherein said fee-charging control step performs the fee-charging process by sequentially recording fee data, in accordance with the fee to be charged, in a region provided in the recording medium and corresponding to a sum of fees that can be charged for the recording medium, and stops the transmission of the first signal through the interface when the region corresponding to the sum of fees decreases in size to a predetermined size or becomes smaller than the predetermined size ~~during a time when concurrent with~~ the reproduced data ~~is being~~ reproduced and a second signal derived from the reproduced data ~~is being~~ outputted.

43. (currently amended) A data recording medium recorded

with instructions for carrying out a data transmitting method in a data transmitting apparatus for transmitting, through an interface, a first signal derived from data reproduced from another recording medium, said method comprising:

a fee-charging control step of performing a fee-charging process in accordance with the transmission of the first signal through the interface and controlling the transmission of the first signal,

wherein said fee-charging control step performs the fee-charging process by updating, in accordance with the fee to be charged, fee data recorded on the another recording medium that corresponds to a sum of fees that can be charged for access to the another recording medium, and stops the transmission of the first signal through the interface when the fee data reaches or exceeds a predetermined value ~~during a time when concurrent with the reproduced data is being reproduced and a second signal derived from the reproduced data is being outputted.~~

44. (currently amended) A data recording medium recorded with instructions for carrying out a data transmitting method in a data transmitting apparatus for transmitting, through an interface, a first signal derived from data reproduced from another recording medium, said method comprising:

a fee-charging control step of performing a fee-charging process in accordance with the transmission of the first signal through the interface and controlling the transmission of the first signal,

wherein said fee-charging control step performs the fee-charging process by sequentially recording fee data, in accordance with the fee to be charged, in a region provided in the another recording medium and corresponding to a sum of fees that can be charged for access to the another recording medium, and stops the transmission of the first

signal through the interface when the region corresponding to the sum of fees decreases in size to a predetermined size or becomes smaller than the predetermined size ~~during a time when concurrent with~~ the reproduced data ~~is being reproduced and a second signal derived from the reproduced data is being outputted.~~

45. (previously presented) The data transmitting apparatus according to claim 2, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

46. (previously presented) The data transmitting apparatus according to claim 3, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

47. (previously presented) The data transmitting apparatus according to claim 4, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

48. (previously presented) The data transmitting apparatus according to claim 7, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

49. (previously presented) The data transmitting apparatus according to claim 8, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

50. (previously presented) The data transmitting apparatus according to claim 9, wherein the first signal is a

digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

51. (previously presented) The data transmitting apparatus according to claim 11, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

52. (previously presented) The data transmitting method according to claim 13, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

53. (previously presented) The data transmitting method according to claim 14, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

54. (previously presented) The data transmitting method according to claim 15, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

55. (previously presented) The data transmitting method according to claim 18, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

56. (previously presented) The data transmitting method according to claim 19, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

57. (previously presented) The data transmitting method according to claim 20, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

58. (previously presented) The data transmitting apparatus according to claim 23, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

59. (previously presented) The data transmitting method according to claim 31, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

60. (previously presented) The data transmitting apparatus according to claim 39, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

61. (previously presented) The data transmitting apparatus according to claim 40, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

62. (previously presented) The data transmitting method according to claim 41, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

63. (previously presented) The data transmitting method according to claim 42, wherein the first signal is a digital audio signal, and the second signal is a signal selected from

the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

64. (previously presented) The data recording medium according to claim 43, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.

65. (previously presented) The data recording medium according to claim 44, wherein the first signal is a digital audio signal, and the second signal is a signal selected from the group consisting of an analog audio signal, a digital video signal, and an analog video signal.